

# Receiving Report

Date: 15-11-02

Batch No: 133515

Supplier: Aviall

Dart P/O: 30272

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☒ No ☐  
 Receipt: Cash ☐ Cr ☒  
 New Supplier Yes ☐ No ☒

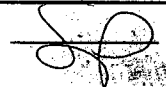
Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☒ No ☐  
 Shipment Complete: Yes ☐ No ☒ N/A ☒  
 QC18 Inspection ☐ N/A ☒  
 Work Order ☐ N/A ☒

## Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Com.ment / NCR Number

Initials of Receiver

QC12



Production/Admin:

Date \_\_\_\_\_

Received/Costing \_\_\_\_\_

Initial \_\_\_\_\_

Location \_\_\_\_\_



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

# PURCHASE ORDER

Purchase Order ID **PO30272**

Purchase Order Date 10/26/2015

PO Print Date 10/26/2015

Page Number 1 of 3

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**

**Contact Name**

**Vendor Phone**

905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

**Ship Acct:**

FedEx Overnight collect

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

EXW - (Ex Works)

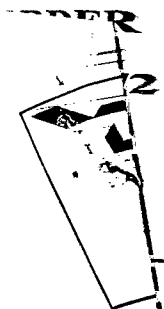
Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	600.1012 ✓	Sealant PR1425B2 (#654 sem)	10/29/2015 Yes 10/29/2015	FN	8.00 ✓ Each	\$68.12	\$544.96 ✓
Line Total:							\$544.96
2	AN4-12	Bolt	10/29/2015 Yes 10/29/2015		50.00 Each	\$0.73	\$36.50
Line Total:							\$36.50
3	AN4C6A ✓	Bolt	10/29/2015 Yes 10/29/2015	FN	100.00 ✓ Each	\$0.87	\$87.00 ✓

8015-11-02

PO Instructions: Fedex Acc#151793240

Note:

10/26/2015



\$87.00

\$3.30 ✓

\$3.30

\$11.40 ✓

\$11.40

\$4.40 ✓

\$4.40

0.

0/29/4

CLH

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isit [www.dartaerospace.com](http://www.dartaerospace.com) for fur



## PACKING LIST



DELIVERY NUMBER: 8002387003

ROUTE: US FedEx International Priority

PAGE: 1 of 2  
DATE: 28 OCT 15  
TIME: 10:12:12  
EMP: 00000000ORD TYP: ZOR 132  
CURRENCY: USD  
TERMS: Net 30CUSTOMER PO: PO30272  
ORDER NUMBER: 1001637310  
ORDER DATE: 27 OCT 15B 10003951  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
OS 10003951  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
OS 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P 2750 REGENT BLVD  
FROM DFW AIRPORT TX 75261-9048  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	5N	PR1425B2-60Z SEALANT: 654 SEMKIT	8	8	0	EA	120.51	68.12	544.96
			BATCH 7364082036 Exp Date: 01JUL16		8					
00020	0	28	AN4C6A BOLT: HEX HD,SS	100	100	0	EA	2.88	0.87	87.00
			BATCH 7364101404		100					
00030	0	28	AN5-6A BOLT: HEX HD,ST	10	10	0	EA	1.10	0.33	3.30
			BATCH 7364017858		10					
00040	0	28	AN6-15A BOLT: HEX HD,ST	15	15	0	EA	2.51	0.76	11.40
			BATCH 7363916978		15					
00050	0	28	MS35489-93 GROMMET: RUBBER,BLK	40	40	0	EA	0.37	0.11	4.40
			BATCH 7364056281		40					
00060	0	28	NAS1149F0563P WASHER: FLT,ST	200	200	0	EA	0.08	0.02	4.00

**This is not an Invoice.**  
**For payment processing, please refer to Invoice.**

SP15-11-02

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Global Quality

28 OCT 15  
Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.  
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.

CUSTOMER COPY



## PACKING LIST



DELIVERY NUMBER: 8002387003

ROUTE: US FedEx International Priority

PAGE: 2 OF 2

DATE: 28 OCT 15

TIME: 10:12:12

EMP: 00000000

ORD TYP: ZOR 132

CURRENCY: USD

TERMS: Net 30

CUSTOMER PO: PO30272  
ORDER NUMBER: 1001637310  
ORDER DATE: 27 OCT 15

B 10003951  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
CANADA  
T  
O

S 10003951  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
CANADA  
T  
O

S 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P 2750 REGENT BLVD  
DFW AIRPORT TX 75261-9048  
USA  
F  
R  
O  
M

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
BATCH 7364073248					200	✓				

8015-11-02

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28 OCT 15  
Date

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AMENDED.

CUSTOMER COPY



## BOX CONTENT LIST



ODO: 310003267762

PAGE: 2 OF 2  
DATE: 10/28/2015  
TIME: 10:11:10CUSTOMER PO: PO30272  
ORDER NUMBER: 8002387003

ROUTE: FDXIPA



Handling Unit: 110000000486835253

Packed at WorkCenter: SI03

B CU10003951  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
T CANADA  
OS CU10003951  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA  
OS 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P PO Box 619048  
F DFW AIRPORT TX 75261-9048  
R USA  
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM
00070	28	NAS1149F0563P=28	WASHER: FLT,ST	200	200	EA
	BATCH 7364073248		Exp Date:		200	

8215-11-02

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**For payment processing, please refer to Invoice.**

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DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.



A BOEING COMPANY

# Commercial Invoice

AVIALL SERVICES INC  
2750 REGENT BLVD  
DFW AIRPORT TX 75261  
USA

Government Transaction Number	NOEEI FTR 30.36
Delivery Number	8002387003
Tracking Number	Commercial Invoice Number 9302915359
Incoterms	Ship Date 28 October, 2015
EXW Shipping Point	

Sold To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003951	Ultimate Consignee DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003951	Ship To DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA	10003951	Freight Forwarder FEDEX FEDEX NATIONAL LTL INC PO BOX 94515 PALATINE IL 60094-4515 USA Tax Number: 20-4734803	400010
------------------------------------------------------------------------------------------	----------	-----------------------------------------------------------------------------------------------------	----------	------------------------------------------------------------------------------------------	----------	---------------------------------------------------------------------------------------------------------------------------------	--------

Comments:

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Value USD	Extended Value USD
10	PR1425B2-60Z - SEALANT: 654 SEMKIT Harmonized Tariff: 3214905000 Export Classification: EAR99 Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7364082036	US	8	EA	68.12	544.96
30	AN4C6A - BOLT: HEX HD,SS Harmonized Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7364101404	US	100	EA	0.87	87.00
40	AN5-6A - BOLT: HEX HD,ST Harmonized Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7364017858	US	10	EA	0.33	3.30
50	AN6-15A - BOLT: HEX HD,ST Harmonized Tariff: 7318152000 Export Classification: EAR99 Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7363916978	US	15	EA	0.76	11.40

SP15-11-02  
Page 1 of 2





A BOEING COMPANY

# Commercial Invoice

Delivery Number	Commercial Invoice Number
8002387003	9302915359

Item	Part Number & Description	Country of Origin	Quantity	UOM	Unit Price USD	Extended Value USD
60	MS35489-93 - GROMMET: RUBBER,BLK Harmonized Tariff: 4016996000 Export Classification: EAR99 Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7364056281	US	40	EA	0.11	4.40
70	NAS1149F0563P - WASHER: FLT,ST Harmonized Tariff: 7318220000 Export Classification: 9A991.d Authorization: NLRAT_OCT_2015 Sales Order: 1001637310 PO: PO30272 Batch Number: 7364073248	US	200	EA	0.02	4.00

Gross Value	655.06
Add on Charges	
Tax Value	
Freight Charges	
Total Net Value	655.06

FOR CUSTOMS PURPOSES ONLY  
NOT A BILLING INVOICE

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US laws is prohibited.

SP 15-11-02



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191  
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR  
www.KLXaerospace.com

Shipped From: 9835 NW 14TH ST, MIAMI, FL 33172


### Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

**FIRM: AVIALL INC**

**PURCHASE ORDER#: 45247968**

LINE#	QUANTITY U/M	PART-NUMBER	COST REF#	LOT-NUMBER	MANUFACTURER	CCODE MFR DATE	EXP DATE
10	1325 EA	AN4C6A	PRG 25 EA PER PACKAGE	13607	MAC FASTENERS	ORPT4	

  
Jason Lewis  
Senior Director, Global Quality

10/13/15

Inv # 10/13/15

# Aero Hardware & Parts Co., Inc.

PACKING SLIP # 310617

B KLX INC.  
I P.O. BOX 025263  
L MIAMI FL 33102-5263  
L

Remittance Address:  
130 Business Park Drive, Ste 1  
Armonk, NY, USA 10504  
(914) 273-8550  
(914) 273-8612 FAX

S KLX INC.  
H 9835 NW 14TH STREET  
I MIAMI FL 33172  
P

PACKING SLIP # 310617  
COPY 1 OF 2 P1 OF 1

CO.#	DATE SHIPPED	SHIP VIA	PKGS	WEIGHT	PO #
113449	30 SEP 15	FED EX P1 COL	2	82	9S0635
LINE	ITEM - DESCRIPTION	ON ORDER	SHIPPED	BACKORDERED	LOCK
1	AN4C6A - BOLT MFG: MAC FASTENERS MFR C. OF C TEST REPORT  MARKS: PO# 9S0635  SHIP VIA FED EX P1 COLLECT ACCOUNT# 0331-0149-0  DO NOT INSURE  SEND INVOICES TO: klx.payables@klx.com  BOX 1-2 OF 2 41 LBS EA DIM 8X0X10 EA 2500 EA 2 BOXES 82 LBS	5000 EA	5000	0	

# KLX

Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com

**CONSOLIDATION****1BSXYP****PAGE 1****SOLD TO:**006571  
AVIALL INC  
PO BOX 619048  
DALLAS, TX 75261-9048**SHIP TO:**AVIALL SERVICES  
2750 REGENT BLVD  
DFW AIRPORT, TX 75261-9048

ORDER NO. See Below		DATE 10/13/2015		SHIP VIA 268 FEDX GRD COLL		TERMS		SHIPPING TERMS	
PO ITEM NO.	CUSTOMER PO	INVOICE NO.	PICK TICKET NO.	PART NO.			QUANTITY ORDERED	SHIPPED	BACK ORDER
CARTON 1 OF 1 - CARTON DIMENSIONS: 9X9X8 1. 45247968  Total Cartons = 1	NBR-15687816 WEIGHT: 21 LBS J1YZX3	9PPX02.101	TRACKING NUMBER 036380979602852  AN4C6A  *****END*****			1325	1325	0	
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.									

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

form #16815.000325

**Summary Packing List**BY ACCEPTING DELIVERY OF THE ITEMS COVERED BY THIS PACKING LIST, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:  
www.KLXaerospace.com/cm/conditions\_of\_sale.cfm

Form 76 (USD) Rev 1.0

**Gexpro Services - Irving (DFAR)**

9500 North royal lane  
Suite 130  
Irving, Texas 75063  
USA  
Phone: 972 915-0800  
Fax: 972-915-1792

**ORDER NUMBER**

20237973-0001



**BILL TO:** AVIALL SERVICES INC  
PO BOX 619048  
DALLAS, TX 75261-9048  
972-586-1905 VI

**SHIP TO:** AVIALL CENTRAL WAREHOUSE  
2750 REGENT BLVD.  
DFW AIRPORT, TX 75261

**CUSTOMER NUMBER** P.O. NUMBER  
AVIALS 0045267515



**ORDER DATE** **PRINT DATE**  
07/08/2015 12/30/1899 12:00 am

**SALESMAN** **TAKER** **ROUTE**  
2019 2080 1

**INSTRUCTIONS**

GEXPRO DELIVERY TUES &amp; THURS SEE PACKAGING REQUIREMENTS

**CARRIER**  
<NONE>

ORDERED	SHIPPED	BO	LINE	ITEM NUMBER	UOM	INTERNAL USE
1,000	1,000		1	PART #:MS35489-93=28 GROMMET SYNTHETIC RBBR BLK MS35489-93 10.0 BAG & LABEL 10 PER Lot: >DT14BAAA Qty: 1000 MfgLot: ACCELA/11915400/3Q15/221 COO: US	C	
				<div>ITEM MS35489-93=28</div> <div></div> <div>BATCH 7364056281</div> <div></div> <div>DMCEVOY 08/20/15</div>		
DATE REQ:07/14/15						

**Certificate of Conformance**

It is hereby certified that all articles on this order, placed by your company, are in conformance with all the applicable requirements, specifications and drawings stated on the purchase order. This statement is supported by Certificates of Conformance or Manufacturer's document.

Corporate Director of Quality Assurance

PACKED BY	CHECKED BY APR 12 2015 SERVICE	SHIPPED BY

8/13/2015 12:01:15PM

PACKING SLIP

Page 1 of 1



1112 SWENSON BLVD. ELGIN TEXAS 78621  
FACTORY PHONE: 512-285-4585 FAX: 512-285-9442

## CERTIFICATE OF CONFORMANCE

CUSTOMER: GEXPRO GENERAL SUPPLY & SERVICES, INC. P.O. #: 20137616 SALES ORDER #: 463709

1 P/N: MS35489-93 REV K QUANTITY: 1,000 CURE DATE: 3Q15

SPECIFICATION: NASM 3036 COMP A /GROMMET C4-7-400-BLK LOT # 11915400 SHELF LIFE : 5 YRS

2 P/N: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ CURE DATE: \_\_\_\_\_

SPECIFICATION: \_\_\_\_\_

3 P/N: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ CURE DATE: \_\_\_\_\_

SPECIFICATION: \_\_\_\_\_

4 P/N: \_\_\_\_\_ QUANTITY: \_\_\_\_\_ CURE DATE: \_\_\_\_\_

SPECIFICATION: \_\_\_\_\_

THIS IS TO CERTIFY THAT THE MATERIALS FURNISHED ON THE ABOVE PURCHASE ORDER HAVE BEEN MANUFACTURED IN ACCORDANCE WITH ALL SPECIFICATIONS REFERRED TO ON YOUR PURCHASE ORDER.

8/3/2015  
DATE

BLANCA TURRUBIARTES *Blanca Turrubiar*  
QUALITY CONTROL DEPT.

**ETA Global Inc.**P.O. BOX 259  
PALESTINE, TX 75802-0259PH: (903)729-3131  
Quality FAX: (903)729-1217  
www.etaglobal.com**Packing Slip**

340153-000

Page 1 of 1

Ship Date:

ISO9001:2008  
AS9100 Rev C  
Certificate NO. C0023281

Sold to: 8418

Ship to:

AVIAL SERVICES (CONTRACT)  
ATTN: ACCOUNTS PAYABLE  
PO BOX 619048  
DALLAS, TX 75261  
UNITED STATESAVIAL SERVICES (CONTRACT)  
2750 REGENT BLVD  
DFW AIRPORT, TX 75261  
UNITED STATES

Customer P.O.		Department		Message		
45287533		500		FEDEX 0752-6857-2		
Payment terms		Salesper 2		B P	Ship via	Freight terms
1%10NET30		#####		Y Y	Fed X grnd	COLLECT
Ln	Ship Quantity	UOM	Item / Description			

0010 81400 EACH NAS1149F0563P  
WASHER, FLAT  
CARBON STEELControl #: 49069600-01-01 81400  
Mfg Lot #: C144092  
MFG: SUPERIOR WASHER & GASKET CORP  
Country of origin: UNITED STATES

ITEM NAS1149F0563P=28



BATCH 7364073248

ADWILLIAMS  
09/14/15

ETA certifies the products furnished on the above referenced order have been manufactured in accordance with all applicable part numbers, specifications, and descriptions. This statement is supported by a Certificate of Conformance and/or Chemical/Physical report of raw material on file at ETA or place of manufacture/supply subject to examination with proper notice (additional costs may be incurred.)

Quality Control Authority

*Angela Coleman*

Date: 9/8/15

ETA  
#1E

IMPORTANT NOTICE: LIMITATION OF REMEDIES: IF this product is proved to be defective, the exclusive remedy available and ETA's only obligation shall be to replace such quantity of this product which is proved to be defective or to refund the purchase price paid for this product. ALL CLAIMS FOR DEFECTIVE MATERIAL ARE WAIVED UNLESS MADE IN WRITING WITHIN 30 DAYS FROM THE DATE OF SHIPMENT.  
LIMITATION OF LIABILITIES: ETA shall not be liable for any damages, including incidental and/or consequential damage, regardless of the legal theory asserted, including negligence and/or strict liability.  
Before using, User shall determine the suitability of the product for intended use. User assumes all risk and liability whatsoever in connection therewith. CHECK CAREFULLY - Reference must be made to our delivery receipt register number when making claims or request for adjustment. ALL RETURNS SUBJECT TO APPROVAL OF SELLER TO RETURN.  
The foregoing limitation of remedies and liabilities may not be altered unless in writing signed by the President of ETA GLOBAL, INC.

Distribution/Manufacturing software provided by Rennie, Lindsey and Associates, Inc.

09-08-15 09:42 AM

Mention promo code 004189 at www.rla-assist.com/promo.html

ORDER NUMBER: C144092

**SUPERIOR WASHER AND GASKET CORP.**170 Adams Avenue, P.O. Box 5407  
Hauppauge, New York 11788  
PHONE: (631) 273-8282  
FAX: (631) 273-8088**SUPERIOR WASHER AND GASKET CORP.**170 Adams Avenue, P.O. Box 5407  
Hauppauge, New York 11788  
PHONE: (631) 273-8282  
FAX: (631) 273-8088S ACCT NO. 3185  
O ETA GLOBAL, INC  
L 5500 WEST OAK STREET  
D PO BOX 259  
T PALESTINE TX 75802  
OS ACCT NO. 3185  
H ETA GLOBAL, INC.  
I 5500 WEST OAK STREET  
P  
T PALESTINE TX 75801  
O

PURCHASE ORDER NUMBER 490696		TERMS 1 % 10 NET 30	F.O.B. ORIGIN	DLM	BC
SPECIAL INSTRUCTIONS >150#COYOTE 800-219-6209EXT357					
QUANTITY ORD.	DESCRIPTION	UNIT PRICE	QTY. SHIPPED	AMOUNT	
1. 250000	NAS1149F0563P REV 6 1020 STEEL AMS5046 CAD YELLOW AMS-QQ-P-416 TY2 CL2 .0003/.0006 .562 X .328 X .063 +.020-.005 +- .010 +- .004 SPECIAL CHARGES: CHEM & PHYS SHIPPING DATES: 04/07/15		250000		
<p><b>RECEIVED MAY 1 2 2015</b></p> <p><b>RECEIVED MAY 1 2 2015</b></p> <p>PO# 490696 MAT 1020 STEEL / CAD YLW P/N NAS1149F0563P ITEM 1 OF 1 QTY 15,625 EACH LOT# C144092 UNIT WT/M 2.7362 TOTAL WT 16 @ 684.00 LBS</p> <p><b>SUPERIOR WASHER &amp; GASKET CORP.</b> 170 ADAMS AVE. HAUPPAUGE NY 11788 662 BRYANT BLVD. ROCK HILL SC 29732</p> <p>1910422467 ETA CTL# 49069600-01-01</p> <p>PAGE : 1</p>					

\* COMPLETED SHIPMENT \*

PACKING SLIP





CUST PO NO SO NO  
\*0045248074 509255  
FROM:  
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854



CUST PO NO SO NO  
\*0045248074 509255  
FROM:  
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854



CUST PO NO SO NO  
\*0045248074 509255  
FROM:  
BILD INDUSTRIES, INC. 800 CLEARWATER LOOP  
POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

SHIP TO

AVIALL SERVICES, INC.  
AVIALL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.  
ATTN. AP DEPT.  
P.O. BOX 619048  
DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

\*0045248074

BUYER NAME & PHONE NO.

EDI

BILL TO NO.

SHIP TO NO.

PAGE

ASI007 1

**PACKING SLIP**  
**INSPECT IMMEDIATELY**

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1	A	2080	2080	C 85498/76359 AN5-6A	*004524807	ASI007	BOLT Bx33-34-30
2		1	1	C S/C MANUFACTURE CERT	*004524807	ASI007	CERTIFICATION
3		1	1	C USA COUNTRY OF ORIGIN	*004524807	ASI007	
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
				LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION

CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-MS-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE

JUN 24 2015

QUALITY CONTROL MANAGER

*[Signature]*

DATE SHIPPED

SHIPPED VIA

CV

SIGNATURE / MERCHANDISE RECEIVED

ITEM AN5-6A=28



BATCH 7364017858



EMARISCAL  
06/30/15

AVIALL TRUE CERTIFIED COPY P.O. 28/2015 Ship # 800238/003 Line 30 7561017858 Lot 1 CUST PO 30272

AVIALL - TRADE CERTIFIED

10/28/2015 | Ship #: 80023870083 | Line: 4057363910978 | Qty: 5 | C/P: 5 | PO: 30228



CUST PO NO 0045174774 SO NO 501653  
**FROM:**  
**BILD INDUSTRIES, INC.** 800 CLEARWATER LOOP  
 POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261



CUST PO NO 0045174774 SO NO 501653  
**FROM:**  
**BILD INDUSTRIES, INC.** 800 CLEARWATER LOOP  
 POST FALLS, ID 83854

SHIP TO

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261



CUST PO NO 0045174774 SO NO 501653  
**FROM:**  
**BILD INDUSTRIES, INC.** 800 CLEARWATER LOOP  
 POST FALLS, ID 83854

AVIALL SERVICES, INC.  
 AVIALL CENTRAL WAREHOUSE  
 2750 REGENT BOULEVARD  
 DFW AIRPORT TX 75261

CUSTOMER BILL TO ADDRESS

AVIALL SERVICES, INC.  
 ATTN: AP DEPT.  
 P.O. BOX 619048  
 DALLAS TX 752619048

COMPLETE CUSTOMER PO NO.

0045174774

BUYER NAME & PHONE NO.

EDI

BILL TO NO.

SHIP TO NO.

PAGE

ASI007

1

**PACKING SLIP**

**INSPECT IMMEDIATELY**

LINE	LOC	QTY ORDERED	TOTAL QTY SHIPPED THIS ORDER	LOT	CUST. PO NO.	CUST. NO.	DESCRIPTION
1		310	310	86483/14406B AN6-15A	0045174774	ASI007	BOLT BX25-25
2		1	1	S/C MANUFACTURE CERT	0045174774	ASI007	CERTIFICATION
3		1	1	COUNTRY OF ORIGIN	0045174774	ASI007	
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CERTIFICATION OF CONFORMANCE

WE HEREBY CERTIFY THAT THE MERCHANDISE INCLUDED ON THIS PACKING LIST IS IN CONFORMANCE WITH AN-M5-NAS OR APPLICABLE SPECIFICATIONS AND OR DRAWINGS.

CAGE CODE 31222

DATE

FEB 11 2015

QUALITY CONTROL MANAGER

*[Signature]*

DATE SHIPPED

1/1

SHIPPED VIA

CV

ITEM AN6-15A=28



BATCH 7363916978



BCHAPA  
02/17/15

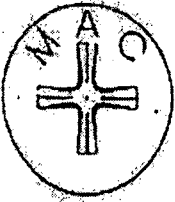
SIGNATURE - MERCHANDISE RECEIVED

X

P = PARTIAL  
 C = COMPLETE  
 CC = CONSIDER COMPLETE  
 CX = CANCEL

WE HEREBY CERTIFY THAT THESE GOODS WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTIONS 6, 7, AND 12 OF THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED, AND OF REGULATIONS AND ORDERS OF THE ADMINISTRATOR OF THE WAGE AND HOUR DIVISION ISSUED UNDER SECTION 14 THEREOF. IMPORTED ITEMS, IF RESOLD OR REPACKED MUST CONFORM TO THE REQUIREMENTS OF 19 U.S.C. 1304 AND 19 CFR PART 134. ALL CLAIMS MUST BE MADE WITHIN TEN (10) DAYS, PACKING LIST MUST ACCOMPANY CLAIM. MERCHANDISE NOT SUBJECT TO RETURN WITHOUT OUR PERMISSION.

MATERIAL CONTAINED IN THIS SHIPMENT WAS INSPECTED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS. BILD INDUSTRIES DISCLAIMS ANY RESPONSIBILITY FOR MANUFACTURING OR FUNCTIONAL DEFECTS, AND HEREBY LIMITS EXPRESS OR IMPLIED WARRANTIES TO LIABILITY FOR THE COST OF REPLACING OR REFUNDING THIS MATERIAL. BUYER IN ACCEPTING DELIVERY OF THIS MATERIAL ACKNOWLEDGES AWARENESS OF SUCH LIMITATIONS.

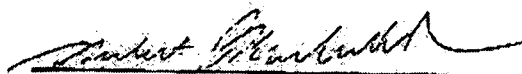


**MAC FASTENERS, INC.**  
1110 E. ENTERPRISE  
OTTAWA, KS 66067

**CERTIFICATE  
OF  
CONFORMANCE**

CUSTOMER <b>Dialogic</b>		P. O. NUMBER <b>01033007</b>
PART NUMBER <b>AN6-15A Rev 1</b>		LOT NUMBER <b>14406B</b>
QUANTITY <b>33,000</b>	MATERIAL HEAT NUMBER <b>1Q055</b>	DATE <b>11-30-01</b>

WE HEREBY CERTIFY THAT THE PARTS FURNISHED AGAINST THE ABOVE REFERENCED PURCHASE ORDER WERE PROCESSED IN CONFORMANCE WITH ALL APPLICABLE DRAWINGS AND SPECIFICATIONS. OBJECTIVE EVIDENCE OF COMPLIANCE ARE ON FILE SUBJECT TO EXAMINATION UPON REQUEST.

  
QUALITY ASSURANCE  
Robert MacDonald, President

11-30-01

DATE

## Dialogic Fasteners

P.O. Box 252  
3161 STATE ROAD  
BENSALEM, PA 19020  
USA

---

PHONE 215-245-7373  
OFFICE FAX 215-245-7489  
QC FAX 267-535-2800

JANUARY 27, 2015

BILD INDUSTRIES INC  
800 CLEARWATER LOOP  
POST FALLS ID 83854

### CERTIFICATE OF CONFORMANCE

This is to certify that product included in this shipment have been processed in accordance with all applicable Purchase Order, Specification and Drawing requirements and that Dialogic Fasteners Corporation is an approved distributor of mentioned part number by the designated manufacturer.

PURCHASE ORDER NUMBER: 86483

CUSTOMER PART NUMBER: AN6-15A

NSN NUMBER: 5306-00-180-1487

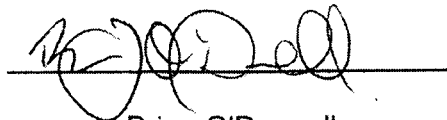
PURCHASE ORDER QUANTITY: 1000

DELIVERED QUANTITY: 1000

LOT NUMBER: 14406B

DIALOGIC REFERENCE NUMBER: DFC01033007

PARTS HAVE BEEN VISUALLY INSPECTED

  
Brian O'Donnell  
Quality Control Manager



A BOEING COMPANY

# BOX CONTENT LIST



ODO: 310003267762

ROUTE: FDXIPA

PAGE: 1 of 2  
DATE: 10/28/2015  
TIME: 10:11:10



Handling Unit: 110000000486835253

Packed at WorkCenter: SI03

CUSTOMER PO:PO30272  
ORDER NUMBER:8002387003

B CU10003951  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
L HAWKESBURY ON K6A 1K7  
CANADA

T  
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S CU10003951  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
CANADA

T  
O

S 1000  
H AVIALL CENTRAL WAREHOUSE  
I DALLAS CDC  
P PO Box 619048  
FROM DFW AIRPORT TX 75261-9048  
USA

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	UOM			
00010		5N	PR1425B2-60Z=5N SEALANT: 654 SEMKIT	8	8	EA			
			BATCH 7364082036 Exp Date: 07/01/2016		8				
00030		28	AN4C6A=28 BOLT: HEX HD,SS	100	100	EA			
			BATCH 7364101404 Exp Date:		100				
00040		28	AN5-6A=28 BOLT: HEX HD,ST	10	10	EA			
			BATCH 7364017858 Exp Date:		10				
00050		28	AN6-15A=28 BOLT: HEX HD,ST	15	15	EA			
			BATCH 7363916978 Exp Date:		15				
00060		28	MS35489-93=28 GROMMET: RUBBER,BLK	40	40	EA			
			BATCH 7364056281 Exp Date:		40				

**This is not an invoice.**  
**For payment processing, please refer to Invoice.**

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease or use of these goods.  
Diversion contrary to U.S. Law is prohibited.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL  
RETURNED MERCHANDISE SUBJECT TO HANDLING  
FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH  
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938  
AMENDED.








**MAC FASTENERS, INC.**  
1110 E. ENTERPRISE  
OTTAWA, KS 66067

**CERTIFICATE  
OF  
CONFORMANCE**

CUSTOMER Bild Industries		P. O. NUMBER 48878
PART NUMBER AN4C6A      Rev.      NEW		LOT NUMBER 13607
QUANTITY 27,500	MATERIAL HEAT NUMBER 533319	DATE 5-15-01

WE HEREBY CERTIFY THAT THE PARTS FURNISHED  
AGAINST THE ABOVE REFERENCED PURCHASE ORDER  
WERE PROCESSED IN CONFORMANCE WITH ALL AP-  
PLICABLE DRAWINGS AND SPECIFICATIONS. OBJEC-  
TIVE EVIDENCE OF COMPLIANCE ARE ON FILE SUBJECT  
TO EXAMINATION UPON REQUEST.

  
\_\_\_\_\_  
QUALITY ASSURANCE  
Robert MacDonald, President

5-15-01

\_\_\_\_\_  
DATE



# SAFETY DATA SHEET



Date of issue/Date of revision 22 July 2015

Version 8

## Section 1. Identification

Product name : PR 1425 B 2 Part A  
Product code : PR 1425 B 2 Part A  
Other means of Identification : Not available.  
Product type : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/ mixture : Sealants  
Uses advised against : Not applicable.

Supplier : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711

Emergency telephone number : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
Classification of the substance or mixture : ACUTE TOXICITY (Inhalation) - Category 4  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 1A  
TOXIC TO REPRODUCTION (Unborn child) - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
Percentage of the mixture consisting of Ingredient(s) of unknown toxicity: 36.6%

### GHS label elements

Hazard pictograms :



Signal word : **Danger**

**Section 2. Hazards identification**

- Hazard statements** : Harmful if inhaled.  
May cause an allergic skin reaction.  
May cause cancer.  
May damage the unborn child.  
May cause damage to organs through prolonged or repeated exposure.
- Precautionary statements**
- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Contaminated work clothing must not be allowed out of the workplace.
- Response** : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Sanding and grinding dusts may be harmful if inhaled. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. Inhalation of vapor/aerosol concentrations above the recommended exposure limits causes headaches, drowsiness and nausea and may lead to unconsciousness or death. NTP, IARC and OSHA have classified chromium (+6) compounds as carcinogenic. Emits toxic fumes when heated.
- Hazards not otherwise classified** : None known.

**Section 3. Composition/information on ingredients**

- Substance/mixture** : Mixture
- Product name** : PR 1425 B 2 Part A

Ingredient name	%	CAS number
N,N-dimethylacetamide	≥25 - <31	127-19-5
calcium dichromate	≥10 - <25	14307-33-6
Talc, not containing asbestiform fibres	≥5 - <10	14807-96-6
magnesium carbonate	≥3 - <5	546-93-0
Kaolin	≥3 - <5	1332-58-7
carbon black, respirable powder	≥0.3 - <1	1333-86-4

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## **Section 4. First aid measures**

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN** immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### **Description of necessary first aid measures**

- Eye contact** : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

### **Most Important symptoms/effects, acute and delayed**

#### **Potential acute health effects**

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : Harmful if inhaled.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### **Over-exposure signs/symptoms**

- Eye contact** : No specific data.
- Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### **Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## Section 4. First aid measures

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

### Methods and materials for containment and cleaning up

## Section 6. Accidental release measures

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Special precautions** : Ingestion of product or cured coating may be harmful. If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Section 8. Exposure controls/personal protection****Control parameters****Occupational exposure limits**

Ingredient name	Exposure limits
N,N-dimethylacetamide	<b>ACGIH TLV (United States, 4/2014).</b>
	<b>Absorbed through skin.</b>
	TWA: 36 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
	<b>OSHA PEL (United States, 2/2013).</b>
	<b>Absorbed through skin.</b>
	TWA: 35 mg/m <sup>3</sup> 8 hours.
	TWA: 10 ppm 8 hours.
calcium dichromate	<b>OSHA PEL (United States, 2/2013).</b>
	TWA: 0.005 mg/m <sup>3</sup> , (as Cr) 8 hours. Form:
	<b>OSHA PEL (United States).</b>
	TWA: 5 mg/m <sup>3</sup> Form:
	<b>ACGIH TLV (United States, 4/2014).</b>
	TWA: 0.05 mg/m <sup>3</sup> , (measured as Cr) 8 hours.
	Form: Soluble
	<b>ACGIH TLV (United States).</b>
	: 0.05 mg/m <sup>3</sup> Form: Total dust
	<b>OSHA PEL Z2 (United States, 2/2013).</b>
Talc , not containing asbestiform fibres	CEIL: 1 mg/10m <sup>3</sup> , ()
	<b>ACGIH TLV (United States, 4/2014).</b>
	TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable
	<b>OSHA PEL Z3 (United States, 2/2013).</b>
	TWA: 20 mppcf 8 hours. Form: not
	containing asbestos
magnesium carbonate	<b>OSHA PEL (United States, 2/2013).</b>
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
Kaolin	<b>ACGIH TLV (United States, 4/2014).</b>
	TWA: 2 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	<b>OSHA PEL (United States, 2/2013).</b>
	TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable
	fraction
	TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
carbon black, respirable powder	<b>ACGIH TLV (United States, 4/2014).</b>
	TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable
	fraction
	<b>OSHA PEL (United States, 2/2013).</b>
	TWA: 3.5 mg/m <sup>3</sup> 8 hours.

**Key to abbreviations**

A = Acceptable Maximum Peak  
 ACGIH = American Conference of Governmental Industrial Hygienists.  
 C = Ceiling Limit  
 F = Fume  
 IPEL = Internal Permissible Exposure Limit  
 OSHA = Occupational Safety and Health Administration.  
 R = Respirable

S = Potential skin absorption  
 SR = Respiratory sensitization  
 SS = Skin sensitization  
 STEL = Short term Exposure limit values  
 TD = Total dust  
 TLV = Threshold Limit Value  
 TWA = Time Weighted Average

## Section 8. Exposure controls/personal protection

Z = OSHA 29CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

### Consult local authorities for acceptable exposure limits.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety glasses with side shields.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Section 9. Physical and chemical properties****Appearance**

<b>Physical state</b>	: Liquid.
<b>Color</b>	: Black.
<b>Odor</b>	: Not available.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: Not available.
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: 100 to 166.11°C (212 to 331°F)
<b>Flash point</b>	: Closed cup: Not applicable.
<b>Material supports combustion.</b>	: Yes.
<b>Auto-ignition temperature</b>	: Not available.
<b>Decomposition temperature</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: Not available.
<b>Evaporation rate</b>	: Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.
<b>Relative density</b>	: 1.35
<b>Density ( lbs / gal )</b>	: 11.27
<b>Solubility</b>	: Insoluble in the following materials: cold water.
<b>Partition coefficient: n-octanol/water</b>	: Not available.
<b>Viscosity</b>	: Kinematic (40°C (104°F)): >0.21 cm <sup>2</sup> /s (>21 cSt)
<b>VOC</b>	: 0
<b>% Solid. (w/w)</b>	: 100

**Section 10. Stability and reactivity**

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
<b>Incompatible materials</b>	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.



## Section 10. Stability and reactivity

**Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
N,N-dimethylacetamide  magnesium carbonate Kaolin carbon black, respirable powder	LC50 Inhalation Gas.	Rat	2475 ppm	1 hours
	LD50 Dermal	Rabbit	2240 mg/kg	-
	LD50 Oral	Rat	4300 mg/kg	-
	LD50 Oral	Rat	8000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Dermal	Rabbit	>3 g/kg	-
	LD50 Oral	Rat	>15400 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
calcium dichromate	+	1	Known to be a human carcinogen.
carbon black, respirable powder	-	2B	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

**Section 11. Toxicological information****Specific target organ toxicity (single exposure)**

Name	Category
Talc, not containing asbestiform fibres	Category 3

**Specific target organ toxicity (repeated exposure)**

Name	Category
calcium dichromate	Category 2

**Target organs** : Contains material which causes damage to the following organs: kidneys, brain, eyes.  
Contains material which may cause damage to the following organs: blood, lungs, the reproductive system, liver, cardiovascular system, upper respiratory tract, skin, central nervous system (CNS), stomach.

**Aspiration hazard**

Not available.

**Information on the likely routes of exposure****Potential acute health effects**

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Harmful if inhaled.  
**Skin contact** : May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

**Eye contact** : No specific data.  
**Inhalation** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations  
**Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Conclusion/Summary** : There are no data available on the mixture itself. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. If splashed in the eyes, the liquid may cause

**Section 11. Toxicological information**

irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

**Short term exposure**

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

**Long term exposure**

**Potential immediate effects** : There are no data available on the mixture itself.

**Potential delayed effects** : There are no data available on the mixture itself.

**Potential chronic health effects**

**General** : May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : May damage the unborn child.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

**Numerical measures of toxicity****Acute toxicity estimates**

Route	ATE value
Oral	9232.5 mg/kg
Dermal	2361.8 mg/kg
Inhalation (gases)	2657 ppm
Inhalation (vapors)	23.62 mg/l
Inhalation (dusts and mists)	3.221 mg/l

**Section 12. Ecological information****Toxicity**

Not available.

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Product/Ingredient name	LogP <sub>ow</sub>	BCF	Potential
N,N-dimethylacetamide	-0.77	-	low

**Mobility in soil**

Product code **PR 1425 B 2 Part A**Date of issue **22 July 2015**Version **8**Product name **PR 1425 B 2 Part A**

## Section 12. Ecological information

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to **Section 7: HANDLING AND STORAGE** and **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION** for additional handling information and protection of employees. **Section 6. Accidental release measures**

## 14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated.	UN3082	UN3082
UN proper shipping name	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (calcium dichromate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (calcium dichromate)
Transport hazard class (es)	-	9	9
Packing group	-	III	III
Environmental hazards	No.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(calcium dichromate)	Not applicable.

### Additional information

**DOT** : None identified.

**IMDG** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

**IATA** : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Product code **PR 1425 B 2 Part A**Date of issue **22 July 2015**Version **8**Product name **PR 1425 B 2 Part A**

## 14. Transport information

**Special precautions for user** : **Transport within user's premises**: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### United States

**United States inventory (TSCA 8b)** : All components are listed or exempted.

### SARA 302/304

**SARA 304 RQ** : Not applicable.

### Composition/information on ingredients

No products were found.

### SARA 311/312

**Classification** : Immediate (acute) health hazard  
Delayed (chronic) health hazard

### Composition/information on ingredients

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
N,N-dimethylacetamide	Yes.	No.	No.	Yes.	Yes.
calcium dichromate	No.	No.	No.	Yes.	Yes.
Talc, not containing asbestiform fibres	No.	No.	No.	Yes.	No.
carbon black, respirable powder	Yes.	No.	No.	No.	Yes.

### SARA 313

	<u>Chemical name</u>	<u>CAS number</u>	<u>Concentration</u>
<b>Supplier notification</b>	: calcium dichromate	14307-33-6	10 - 30

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**Additional environmental information** is contained on the **Environmental Data Sheet** for this product, which can be obtained from your PPG representative.

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## Section 16. Other information

### **Hazardous Material Information System (U.S.A.)**

**Health** : 3 \* **Flammability** : 0 **Physical hazards** : 0

(\*) - Chronic effects

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

**Section 16. Other information**

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)

Health : 3      Flammability : 0      Instability : 0

Date of previous issue : 6/11/2015

Organization that prepared  
the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,  
1973 as modified by the Protocol of 1978. ('Marpol' = marine pollution)  
UN = United Nations

▣ Indicates information that has changed from previously issued version.

**Disclaimer**

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

# SAFETY DATA SHEET



Date of issue/Date of revision 9 June 2015

Version 4

## Section 1. Identification

Product name : PR 1425 B 2 Part B  
Product code : PR 1425 B 2 Part B  
Other means of identification : Not available.  
Product type : Solid.

### Relevant identified uses of the substance or mixture and uses advised against

Product use : Industrial applications.  
Use of the substance/ mixture : Sealants  
Uses advised against : Not applicable.

Supplier : PPG Aerospace PRC-DeSoto  
12780 San Fernando Road  
Sylmar, CA 91342  
Phone: 818 362 6711

Emergency telephone number : (412) 434-4515 (U.S.)  
(514) 645-1320 (Canada)  
01-800-00-21-400 (Mexico)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 11.7%

### GHS label elements

Hazard pictograms



Signal word : Warning

Hazard statements : May cause an allergic skin reaction.  
Suspected of causing cancer.

## Section 2. Hazards identification

### Precautionary statements

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Avoid breathing dust. Contaminated work clothing should not be allowed out of the workplace.
- Response** : IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : **1-component mixtures:** formaldehyde is released during curing. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause skin sensitization. Emits toxic fumes when heated.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Product name** : PR 1425 B 2 Part B

Ingredient name	%	CAS number
Calcium carbonate	3 - 7	471-34-1
carbon black, respirable powder	3 - 7	1333-86-4
Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]	1 - 5	25036-25-3
Terphenyl, hydrogenated	1 - 5	61788-32-7

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

### Description of necessary first aid measures

- Eye contact** : Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
- Inhalation** : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.



## Section 4. First aid measures

- Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
- Ingestion** : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
halogenated compounds  
metal oxide/oxides

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Section 7. Handling and storage

**Special precautions** : If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
calcium carbonate	<b>ACGIH TLV (United States).</b> TWA: 3 mg/m <sup>3</sup> Form: Respirable TWA: 10 mg/m <sup>3</sup> Form: Total dust <b>OSHA PEL (United States).</b> TWA: 5 mg/m <sup>3</sup> Form: Respirable TWA: 15 mg/m <sup>3</sup> <b>OSHA PEL (United States, 2/2013).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust
carbon black, respirable powder	<b>ACGIH TLV (United States, 4/2014).</b> TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>OSHA PEL (United States, 2/2013).</b> TWA: 3.5 mg/m <sup>3</sup> 8 hours.
Terphenyl, hydrogenated	<b>ACGIH TLV (United States, 4/2014).</b> TWA: 4.9 mg/m <sup>3</sup> 8 hours. TWA: 0.6 ppm 8 hours.

#### Key to abbreviations

A = Acceptable Maximum Peak  
 ACGIH = American Conference of Governmental Industrial Hygienists  
 C = Ceiling Limit  
 F = Fume  
 IPEL = Internal Permissible Exposure Limit  
 OSHA = Occupational Safety and Health Administration.  
 R = Respirable  
 Z = OSHA 29CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

S = Potential skin absorption  
 SR = Respiratory sensitization  
 SS = Skin sensitization  
 STEL = Short term Exposure limit values  
 TD = Total dust  
 TLV = Threshold Limit Value  
 TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

## Section 8. Exposure controls/personal protection

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety glasses with side shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Gloves** : Butyl rubber

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

## Section 9. Physical and chemical properties

### Appearance

Physical state	: Solid.
Color	: Black.
Odor	: Not available.
Odor threshold	: Not available.
pH	: Not available.
Melting point	: Not available.
Boiling point	: Not available.
Flash point	: Closed cup: 93.33°C (200°F)
Material supports combustion.	: Yes.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Evaporation rate	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Relative density	: 1.34
Density ( lbs / gal )	: 11.18
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water	: Not available.
Viscosity	: Kinematic (40°C (104°F)): Not applicable.
VOC	: 40 g/l

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials	: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

## Section 10. Stability and reactivity

**Hazardous decomposition products** : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
calcium carbonate	LD50 Oral	Rat	6450 mg/kg	-
carbon black, respirable powder	LD50 Dermal	Rabbit	>3 g/kg	-
Terphenyl, hydrogenated	LD50 Oral	Rat	>15400 mg/kg	-
	LD50 Oral	Rat	17500 mg/kg	-

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Irritation/Corrosion

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitization

##### Conclusion/Summary

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
carbon black, respirable powder	-	2B	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

## Section 11. Toxicological information

Not available.

**Target organs** : ☒ Contains material which may cause damage to the following organs: kidneys, lungs, liver, spleen, lymphatic system, upper respiratory tract, skin, eyes, bone marrow.

### Aspiration hazard

Not available.

### Information on the likely routes of exposure

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : ☒ May cause an allergic skin reaction.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : ☒ Adverse symptoms may include the following:  
irritation  
redness  
**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

**Conclusion/Summary** : There are no data available on the mixture itself. **1-component mixtures:** formaldehyde is released during curing. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause skin sensitization. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

#### Short term exposure

**Potential immediate effects** : There are no data available on the mixture itself.  
**Potential delayed effects** : There are no data available on the mixture itself.

#### Long term exposure

**Potential immediate effects** : There are no data available on the mixture itself.  
**Potential delayed effects** : There are no data available on the mixture itself.

#### Potential chronic health effects

**General** : ☒ Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

## Section 11. Toxicological information

### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

## 14. Transport information



Product code **PR 1425 B 2 Part B**Date of issue **9 June 2015**Version **4**Product name **PR 1425 B 2 Part B****14. Transport information**

	<b>DOT</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-
<b>Transport hazard class (es)</b>	-	-	-
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	No.	No.	No.
<b>Marine pollutant substances</b>	Not applicable.	Not applicable.	Not applicable.

**Additional Information****DOT** : None identified.**IMDG** : None identified.**IATA** : None identified.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Section 15. Regulatory information**

**United States inventory (TSCA 8b)** : ☒ All components are listed or exempted.

**Australia inventory (AICS)** : ☒ All components are listed or exempted.

**Canada inventory (DSL)** : ☒ All components are listed or exempted.

**China inventory (IECSC)** : ☒ All components are listed or exempted.

**Europe inventory (REACH)** : Please contact your supplier for information on the inventory status of this material.

**Japan inventory (ENCS)** : At least one component is not listed.

**Korea inventory (KECI)** : ☒ All components are listed or exempted.

**New Zealand (NZIoC)** : ☒ All components are listed or exempted.

**Philippines inventory (PICCS)** : ☒ All components are listed or exempted.

**United States****SARA 302/304****SARA 304 RQ** : Not applicable.**Composition/Information on Ingredients**

No products were found.

**SARA 311/312****Classification** : ☒ Immediate (acute) health hazard  
Delayed (chronic) health hazard**Composition/Information on Ingredients**

Product code PR 1425 B 2 Part B

Date of issue 9 June 2015

Version 4

Product name PR 1425 B 2 Part B

**Section 15. Regulatory information**

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Carbon black, respirable powder Phenol, 4,4'-[(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis [oxirane]	Yes. Yes.	No. No.	No. No.	No. Yes.	Yes. No.

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

**California Prop. 65**

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

**Section 16. Other information****Hazardous Material Information System (U.S.A.)**

Health : ☒ 2 \* Flammability : 1 Physical hazards : 0

(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**

Health : ☒ 2 Flammability : 1 Instability : 0

Date of previous issue : 5/7/2015.

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

☒ Indicates information that has changed from previously issued version.

**Disclaimer**

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

PRC-DeSoto International, Inc.  
A PPG Industries Company

PRC DESOTO INTL-ASC DALLAS  
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UNITED STATES  
Phone: 817-640-1067

Fax: 817-640-1058

# Certificate of Conformance

Pick Ticket 53043676

Pack List #: S1128612

Page: 1 of 1

Order Date: 07/14/15

Cust. No.: DA090713

Terms: net30

Cust. P.O.: 45267792



09/21/15

12:20:08



CSR: DA522

Transaction Type:

Shipment Terms:

DS-PO#:

Site: 3723USPRC DESOTO INTL-ASC DALLAS

Remarks: SPEC-AVIAL/ROJEAN 972-586-1314 AMA

Shipvia: SEE BELOW

Sold To: DA090713

AVIAL SERVICES, INC.  
P.O. BOX 619048  
DALLAS, TX 75261-9048  
UNITED STATES

Ship To 00030970

AVIAL CENTRAL WAREHOUSE  
2750 REGENT BOULEVARD  
DFW AIRPORT, TX 75261  
UNITED STATES

Line	Qty Ordered	UM	Description	Req Date	Due Date	Promise Date	Qty to Ship	Qty Picked
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NEVER ADD FRT TO INVOICE, MUST SHIP COLLECT  
FEDEX GROUND COLLECT ACCT #123985630  
IF 150 LBS OR MORE FEDEX FREIGHT COLLECT (ACCT# 532626056)  
DO NOT SHIP PARTIAL LINES! \*\*\* MSDS REQUIRED WITH EACH SHIPMENT \*\*\*  
MUST HAVE 75% SHELF LIFE.

PRICE IS SUBJECT TO CHANGE

1	288	EA	1425B002CA654SKAV	09/28/15	09/24/15	09/24/15		
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PRC STANDARD

PR 1425 B 2 654SK

Customer Item: PR1425B2-60Z=5N

SPEC: PRC STD POLYSULFIDE ORG

Lot No: 708256-09

\*Location: RACK 14

Expires After: 06/16

In compliance with the chemical registration laws of UNITED STATES

DOM. 09.15  
DOE. 06.16

288

288

12.24

013072

ITEM PR1425B2-60Z=5N



BATCH 7364082036



KJELKS

09/24/15

Shipped by

Date

9/21/15

PPG Aerospace/PRC DeSoto International certifies that the above material has been manufactured, tested and conforms to all requirements in accordance with applicable specifications. All test data pertaining to batch acceptance requirements defined by the specification for this material is on file and available for inspection on request. For Non-US PPG Customers, we can only offer Technical Data/Test Reports for any ITAR restricted specifications with valid US export authorization.

*Billy Guss*

SH6

QC29

Quality Control